

5/4/2018

Print



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit
P0039418	SAB002-VC	1	1	COD	MUHMWB1.750X1.000X96.00	UHMW 1.75x1.00x96.00 (Tolerance +/- .010) : MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS THICKNESS- TOLERANCE: +0.030"/NO MINUS receive ft				230	5/16/2018	230		S068433	Stock	5/4/2018	\$ 10.35 / ft
Total:										230		230					

Plex 5/4/2018 8:00 AM Dart.Dubois Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039418**

Supplier: SAB002-VC
Polymershapes Distribution Canada Inc.
1665 55th Avenue
Dorval
QC
H9P 2W3 Canada
Phone: 514 422 1048
Fax: 514 422 1055

PO No: PO039418

PO Date: 3/23/18

Due Date: 5/16/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAR 23 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: COD

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	MUHMWB1.750X1.000X96.00		UHMW 1.75x1.00x96.00 (Tolerance +/- .010) : MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS THICKNESS- TOLERANCE: +0.030"/NO MINUS receive ft	Firmed	5/16/18	230 ft	0 ft 230	230 ft	\$10.34783/ft	\$2,380.00

MAY 04 2018

DAS
11
9-89

Line Item Note 23 pcs 1" wide x 120" long

Grand Total: \$2,380.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/23/18 1:47 PM dart.lavoie.chantal

BORDEREAU D'EXPÉDITION

POLYMERSHAPES DISTRIBUTION CANADA INC.

Expéditeur à:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A 1K7

CANADA

téléphone - 1 (613)

6325200

Facturer à:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A 1K7

Canada

DATE:

01-MAY-18

ENTREPÔT: POLYMERSHAPES - MONTREAL QC

Dorval, QC, H9P 2W3, CA,,

COMMANDE:

93035348

MODALITÉS DE

PAIEMENT:

CA NET 30

F.A.B.

BON DE COMMANDE:

P0039418

MODALITÉS DE

TRANSPORT:

Collect Freight

REPRÉSENTANT:

MONTREAL HOUSE

TÉL. DE LA PERSONNE-RESSOURCE:

0014005000120

DATE DE LA

COMMANDE:

23-MAR-18

NOM POUR LIVRAISON:

43135884

N° DE CONNAISSMENT

JOURNEY

TRANSPORTEUR DE MARCHANDISES: COMMENTAIRE SUR FRAIS DE TRANSPORT:

CUSTOMER CHOICE - REVIEW NOTES

CATÉGORIE	NUMÉRO DE PIÈCE / DESCRIPTION DE L'ARTICLE	DATE	QTE	QTE	QTE	QTE NON	UDM
		D'EXPÉDITION	COMMANDEE	EXPÉDIEE	EXPÉDIEE		

1	54413104-C	01-MAY-2018	1	1	0	EA
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UHMW SH 1.750 48.000000 X 120.000000 BK EX | TIVAR 1000

INSTRUCTIONS SPÉCIALES: PLANED 2 SIDES +/- .010 CUT TO 23

Numéros de LOT: PCS. 1" X 120" C OF C REQUIRED (1 Qté)

CUT SIZE W/ID : 48.00

CUT SIZE L/OD : 120.00

2	99400996	01-MAY-2018	1	1	0	EA
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CUTTING CHARGE

INSTRUCTIONS SPÉCIALES:

Numéros de LOT:

(1 Qté)

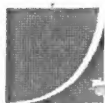
2" x 10"

Certificate of Conformance1665 55th Avenue
Dorval, Quebec,
H9P 2W3**Date:** May 1/2018**Attn:** RECEIVING DEPARTMENT**Customer P.O. Number:** PO039418**To:** DART AEROSPACE LTD.**Sales Order No:** 93035348**Address:** 1270 ABERDEEN STREET
HAWKESBURY, ON.**Manufacturer's Reference:** 0002227718**Our Reference:** MTL-106991

It is hereby certified that, to the best of Polymershapes Distribution Canada knowledge, the product information provided below conforms to the corresponding information in the possession of Polymershapes Distribution Canada with respect to such products. This certification and the sale of products are, unless otherwise agreed to in writing, subject to Polymershapes Distribution Canada standard conditions of sale. This document shall not be reproduced, except in full, without prior written approval.

Quantity	Description	Lot Number/Spec.
1 SHT	TIVAR 1000 BLACK PLATE PLANE 2 SIDES +/-0.10 .750 X 48" X 120"	0007589646

Polymershapes Canada Distribution Inc.**By:****Title:****Quality Coordinator**



QUADRANT
ENGINEERING PLASTIC PRODUCTS

Quadrant EPP USA, Inc.
2120 Fairmont Avenue, P.O. Box 14235
Reading, PA 19612-4235
Phone 610-320-6600

Ship to:

Polymershapes - Dorval
1665 - 55th Avenue

Dorval, QUE H9P 2W3
Canada

Consignee: 0002000430

Sold to:

Polymershapes - Dorval
1665, 55 Avenue

Dorval, QUE H9P 2W3
Canada

Delivery address: 1A
Delivery No: 9741836

Declaration of compliance with the order according EN 10204 - 2.1

TIVAR 1000 PLATE BLACK
1.75 x 48 x 120 IN
PLANED 2 SIDES, +/- .010

Item No: 03010111838

Lot: 0007589646

Ship date: 04/27/18
Original Production Lot: 0006773411
Date of MFG: 04/04/18

Qty: 1.00 PC

Supplied against purchase order number: MTL-106991

Quadrant Order No: 0002227718

Product is known as ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE with a pigment additive.

Base resin meets ASTM D4020 with a molecular weight of 3.0 to 6.2 million G/Mol.

For specific details related to regulatory compliance, see Quadrants Regulatory Letter for this material, which is available upon request.

We hereby certify that the goods described above comply with the terms of the order contract and conform to our Product Specifications. The Quality Management System of the Quadrant EPP plants in Reading, PA, Scranton, PA, Wytheville, VA, Delmont, PA and Ft. Wayne, IN are certified according to ISO 9001. The ISO Certificate is available upon request.

CERTIFIED BY: Eric Weir
FUNCTION: Product Specification & Certification Engineer
E-MAIL: eric.weir@qplas.com
DATE: 04/27/18
DIGITAL SIGNATURE 

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4HMB1-750x1.000x96.00 PO / BATCH NO: 039418/5068433
 DATE: MAY 04 2018

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 230'
 QUANTITY INSPECTED: 230'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000
 THICKNESS RECEIVED: 1.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>4ivar 1000 = M4HMB100</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>Lot # 0007589646</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 MAY 04 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

PURCHASE MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS
THICKNESS - TOLERANCE: +0.030"/NO MINUS

PART NUMBER: MUHMW C | TTT | WHERE TTT = THICKNESS IN 1/100 INCHES Δ
C = COLOUR (B = BLACK)
(W = WHITE)

EG. 1.000" UHMW BLACK TIVAR 1000 = MUHMWB100
1.250" UHMW BLACK TIVAR 1000 = MUHMWB125

MINIMUM MATERIAL PROPERTY VALUES
*REFERENCE DART REPORT DR-1041

YIELD TENSILE 2900 PSI
ULTIMATE TENSILE 4600 PSI
YIELD SHEAR 2200 PSI
ULTIMATE SHEAR 3500 PSI
YIELD BEARING 2800 PSI
ULTIMATE BEARING 4200 PSI
FLEXURAL MODULUS 105000 PSI

RELEASED
R 12/10/76 40
ECN 12-672

C	INCREASED ACCURACY OF PART NUMBER THICKNESS. TTT WAS "TT"		AP	12.09.27
B	REFORMAT ADDED MATERIAL REQUIREMENTS FROM D2689 MANUFACTURER UPDATED (SEE PAR 11-105)		AJS	11.08.09
A	NEW ISSUE		RF	05.03.31
REV.	DESCRIPTION		BY	DATE
DESIGN	RF			
DRAWN	AP			
CHECKED	40			
MFG. APPR.	N/A	DRAWING NO.		REV. C
APPROVED	40	MUHMW		SHEET 1 OF 1
DE APPR.	40	TITLE		SCALE
DATE	12.09.27	UHMW SHEET		NONE

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